

VERIFY
Light Duty Schema Change Log
for Changes Made for Release 4b.3 (11/14/2008)

This document identifies XML schema changes for the VERIFY LD application family that we have made since the last delivery of the schemas (4b.2).

Certification Test

- No Changes

Confirmatory Test

- In the Supplemental Information schema, the following changes were made:
 - Test procedures 62 and 63 were added to the list of Test procedures that Supplemental Information can be submitted about.
 - The Additive DF field was made optional for the Evaporative Standards.

IUVP

- No Changes

Certification

- In the Certification Data (Test Group) schema
 - The Additive DF field was made optional for the Evaporative Standards.

Fuel Economy

- In the Label schema
 - “T – Truck” was added to the list of Gas Guzzler Exemption Types.

VERIFY

Light Duty Schema Change Log

for changes made in

October 2008

This document identifies XML schema changes for the VERIFY LD application family as identified after the deployment of VERIFY LightDuty Release 4b in September, 2008.

EN_VER_ShiftScheduleIdentifierDataElements_v0.85.xsd

- The data type for data element ShiftSchedulePreparationIdentifier was changed from CharFourStringDataType to CharOneToFourStringDataType.

EN_VER_LD_CFT_SupplementalInformationSubmissionRootElement_v0.85.xsd

- The cardinality of data element ShiftScheduleIdentifier was changed from 1-1 (Required) to 0-1 (Optional) in complex data element SupplementalTestProcedureDetails.

EN_VER_LD_CFT_ShiftScheduleSubmissionRootElement_v0.85.xsd

- The data element ExceptionPointCode was removed from the complex data element ShiftPointDetails.

VERIFY

Light Duty Schema Change Log for Changes Made Between 09/12/08 and 09/22/08

This document identifies XML schema changes for the VERIFY LD application family that we have made since the last delivery of the schemas (9/12/2008).

Certification Test

- In Vehicle Information, the following changes were made:
 - GrossVehicleWeightRatingValue was made optional
 - In AgedComponentUsageIdentifier, the value of 'NA' was changed to '4' so that it matches the enumerated list of useful life fields in emission standards.

Confirmatory Test

- In the Supplemental Information schema, the following changes were made:
 - CertificationInUseCode has had the values of 'IU' (In-Use) and 'B' (Both Certification and In-Use) added to its list of allowed values. These values are only intended to be used in the Certification Data schema, but the change was made to both schemas for consistency.
 - ExhaustEmissionsStandardValueText and EvaporativeEmissionsStandardValueText have had their regular expression patterns changed. These fields now allow a number to start or end with a decimal.

IUVP

- No Changes

Certification

- In the Certification Data (Test Group) schema
 - CertifiedModelsDetails inside of CertificationEvaporativeInformationDetails is now required.
 - CertificationInUseCode has had the values of 'IU' (In-Use) and 'B' (Both Certification and In-Use) added to its list of allowed values.
 - ExhaustEmissionsStandardValueText and EvaporativeEmissionsStandardValueText have had their regular expression patterns changed. These fields now allow a number to start or end with a decimal.

Fuel Economy

- In the Label schema
 - ManufacturerUnroundedUnadjustedBaseLevelDetails and ManufacturerFiveCycleUnroundedAdjustedBaseLevelDetails inside of FuelUsageDetails are now optional.

VERIFY

Light Duty Schema Change Log for changes made in August & September 2008

This document identifies XML schema changes for the VERIFY LD application family that were done since the last delivery of schema (7/2008).

Certification Test

- In Test Information the following EPA Generated fields were made optional:
 - UnroundedUnadjustedFuelEconomyValue
 - SystemMileageValue
 - RoundedAdjustedFuelEconomyValue.

Also, the following fields under the EPAGeneratedExhaustDetails element were made optional:

- RoundedEmissionResultValue,
- CalculatedCertificationLevelValue,
- CertificationDispositionCode

Also, the following fields under the EPAGeneratedEvaporativeDetails element were made optional:

- AdditiveDeteriorationFactorValue,
- RoundedEmissionResultValue,
- CalculatedCertificationLevelValue,
- CertificationDispositionCode

Confirmatory Test

- For the Decision Information schema the following fields in the EPA Generated section were made optional:
 - EPATestDecisionIndicator,
 - AssignedTestDate,
 - PrepCyclesNumber,
 - EPATestDetails
- For the Decision Information schema the following fields were removed from the TestProcedureInformationDetails element:
 - TestProcedureIdentifier
 - TestFuelTypeCode
- For the Supplemental Information schema the Exhaust Standards element was made optional.
- For the Shift Schedule schema the Shift Schedule Identifier was changed from being a 4 character field to a 1-4 character field.

IUVP

- EPA Generated fields were added to the both the Vehicle and Test dataset sections of the IUVP schema.
- New Dynamometer type enumerations were added to the Test dataset section of the IUVP schema.

Certification

- In the Certification Data (Test Group) schema
 - EvaporativeTestNumberDetails was made optional
 - DurabilityGroupEquivalencyFactorValue was changed to allow three digits past the decimal. E.g. 2.001

Fuel Economy

- In the CAFE schema
 - ConfigurationDetails (inside of BaseLevelDetails) is now required
 - All of the fields inside of ConfigurationDetails (ConfigurationIndexNumber, TransmissionConfigurationCode, EngineCodeText, AxleRatioValue, SubConfigurationDetails) are now required
 - CalculationDetails are now required
 - All of the fields inside of ModelTypeFootprintDetails (FootprintIndexNumber, FinalModelYearProductionNumber and TargetMilesPerGallonValue) are now required
 - ModelTypeFootprintDetails itself is now required (inside of ReformedModelTypeDetails)
 - ManufacturerCalculatedUnroundedReformedStandardValue inside of ReformedStandardCalculationDetails is now required
 - SubConfigurationIndexNumber, RoadLoadHorsepowerValue, EquivalentTestWeightValue, SubConfigurationFinalModelYearProductionNumber, SaleAltitudeCode, TestGroupName inside of (SubConfigurationDetails) are now required
 - TestNumberIdentifier, DataSubstitutionIndicator and AveragingMethodIdentifier inside of TestVehicleDetails are now required.